

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((key adj1 schedul\$3) and (bit adj2 slic\$3) and (sbox or "s-box" or (substitution adj1 box)) and ("xor" or "exor" or "exclusive or" or "exclusive-or" or "x-or" or "ex-or")). clm. and @ay="2000"	US-PGPUB	OR	ON	2007/11/27 10:04
L2	0	((DES or "data encryption standard") and (bit adj1 slic\$3)). clm. and @ay="2000"	US-PGPUB	OR	ON	2007/11/27 10:04
S1	11	("4107469" or "4221474" or "4255811" or "6138132").pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 10:51
S2	3348	380/200,210,212,255,259-260,264,265,268,35-37,42-43,28-29.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/17 15:01
S3	2045	S2 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 17:22
S4	547612	(choos\$3 or select\$3) with (\$2crypt\$3 or \$2cipher\$3 or cryptograph\$2 or mode or operation)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/17 14:59
S5	939	S4 and S3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/17 14:59
S6	721	S5 and ((value or input or data or key) with (determin\$3 or deriv\$3))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/17 15:00

## EAST Search History

S7	407	S6 and (des or "data encryption standard")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/17 15:01
S8	210796	S4 and ((value or input or data or key) with (determin\$3 or deriv\$3))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/17 15:00
S9	57039	S8 and (des or "data encryption standard")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/17 15:01
S10	2048	380/35-37,42-43,28-29.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/17 15:01
S11	1323	S10 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/17 15:01
S12	293	S9 and S11	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/17 15:01
S13	8	("6769063" or "6760439" or "5365588" or "6320964").pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/12/17 17:45
S14	2	"6940975".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 10:59

## EAST Search History

S15	41963	des and multiplexer	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:00
S16	71	S15 and ((two or multiple) adj1 (level) with (multiplexer))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:00
S17	40	S16 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:43
S18	0	S17 and (multiplexer with permutation)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:01
S19	28969	des and (less with "32")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:43
S20	9841	S19 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 13:20
S21	0	S20 and (expanded with sequence with less with "48")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 12:11
S22	0	S20 and (four or "4") with (first adj1 bit adj1 sequence)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 12:12

## EAST Search History

S23	17	S20 and (des with ((data or block) with size))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 13:19
S24	797	des with (input or data) with size	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 13:19
S25	200	S24 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 13:20
S26	12	(key adj1 schedul\$3) with (pipelin\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 16:11
S27	0	S26 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 16:11
S28	427	key adj1 schedul\$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 16:26
S29	4	S28 and (determination adj1 stage)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 16:27
S30	4	S29 and (shift adj1 stage)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 16:28

## EAST Search History

S31	4	S30 and (propagation adj1 stage)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 16:28
S32	0	S31 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 16:28
S33	86	S28 and (determination)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 16:28
S34	86	S33 and (determination)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 16:28
S35	23	S34 and (propagation)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 16:28
S36	11	S35 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 16:31
S37	4	("6792536" or "6591349").pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 16:32
S38	19	("xor" or "exor" or "exclusive or" or "ex-or" or "x-or") with (multiplexer) with (key)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 17:02

## EAST Search History

S39	9	S38 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 17:02
S40	3	("xor" or "exor" or "exclusive or" or "ex-or" or "x-or") with (multiplexer) with simulat\$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 17:03
S41	1	S40 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 17:03
S42	2118	asynchronous with fifo	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 17:22
S43	4115	380/200,210,212,255,259-260,264,265,268,35-37,42-43,28-29.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 11:37
S44	12	S42 and S43	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 17:22
S45	5	S44 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 17:24
S46	1230	S42 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 17:25

## EAST Search History

S47	2	S46 and (convert\$3 with block with size)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 17:25
S48	390	S46 and des	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 17:45
S49	8	("6760439" or "5727062" or "4679213" or "6940975").pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 17:46
S50	2	"7177421".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 11:50
S51	1339	380/37,42-43,28-29.ccls. and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 11:51
S52	2108	380/255,268,35-37,42-43,277, 28-29.ccls. and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 11:53
S53	8	S52 and (bit adj2 slic\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:53
S54	1	S52 and (decoupl\$3 with (cryptograph\$3 or des or aes))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:31

## EAST Search History

S55	1311	(decoupl\$3 with (cryptograph\$3 or des or aes))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:31
S56	7	S55 and (bit adj2 slic\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:31
S57	0	S56 and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:31
S58	2237	(bit adj2 slic\$3) and @ad<"20001213"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:53
S59	12	S58 and (permutation and expansion)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 14:54



# Interference Search Notes

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((key adj1 schedul\$3) and (bit adj2 slic\$3) and (sbox or "s-box" or (substitution adj1 box)) and ("xor" or "exor" or "exclusive or" or "exclusive-or" or "x-or" or "ex-or"))). clm. and @ay="2000"	US-PGPUB	OR	ON	2007/11/27 10:04
L2	0	((DES or "data encryption standard") and (bit adj1 slic\$3)). clm. and @ay="2000"	US-PGPUB	OR	ON	2007/11/27 10:04